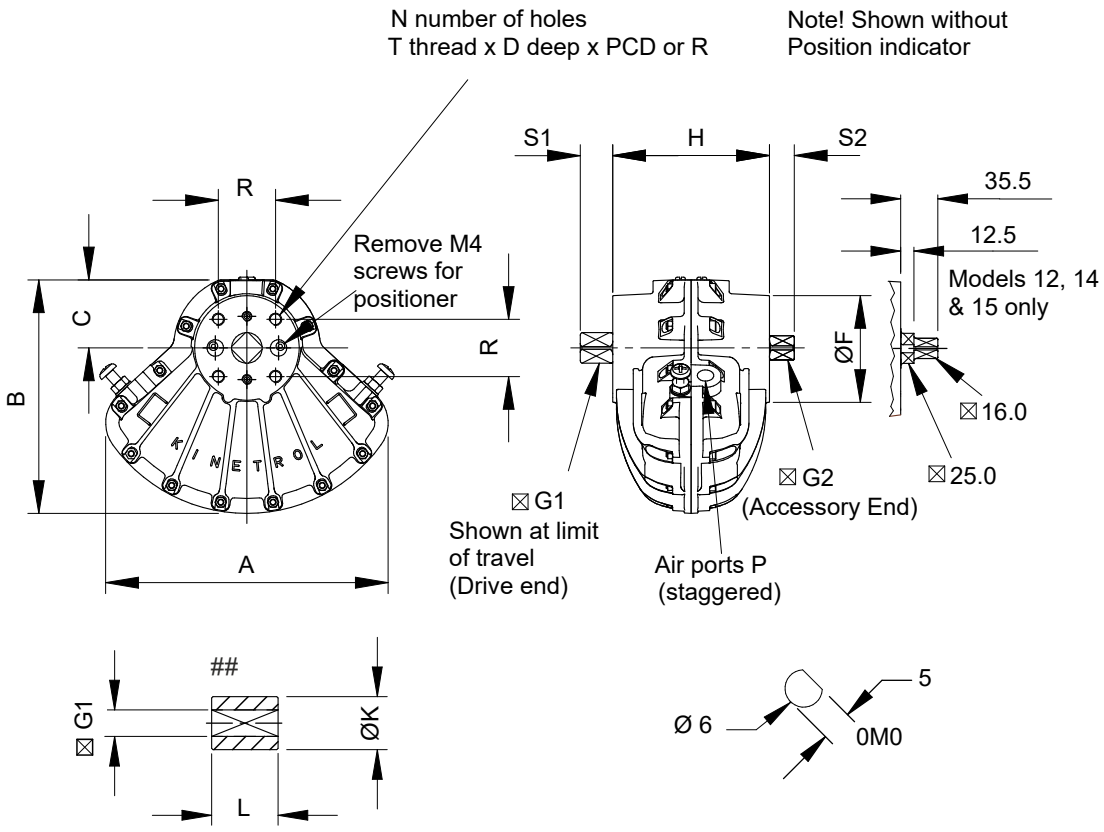
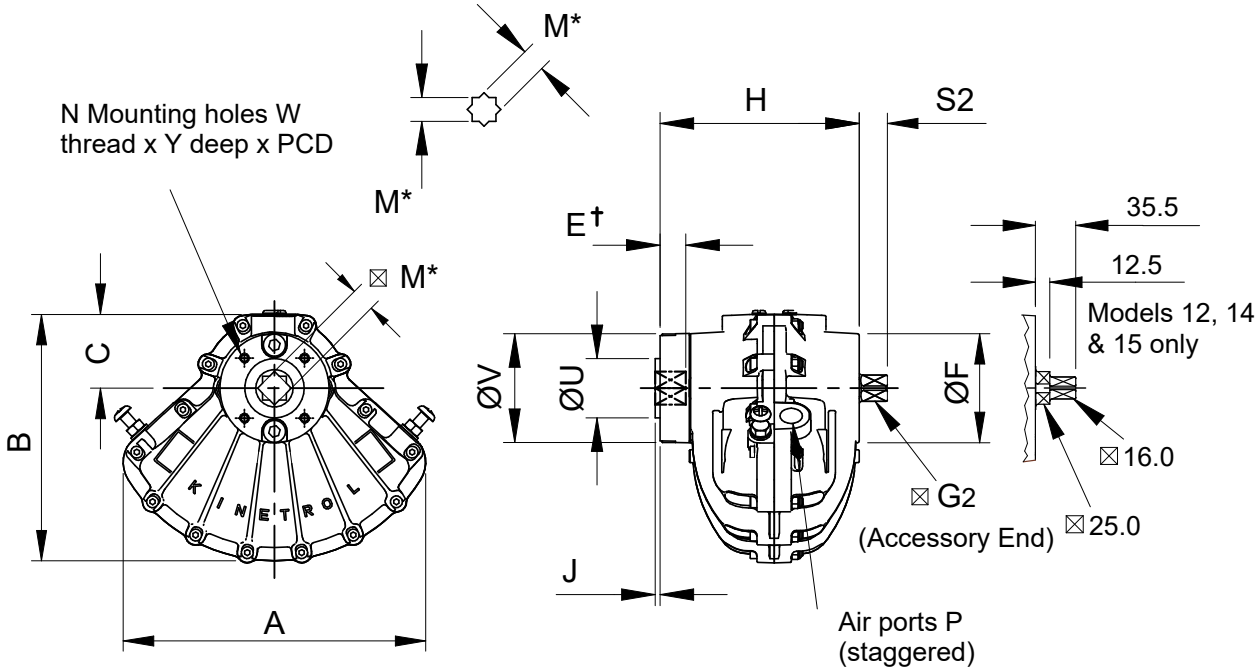
Kinetrol Actuator Dimensions

Standard Actuator



For Model 15, 16, 18, 21, 30, 40 and 60 coupling details see Actuator data sheets

ISO/DIN Options



Kinetrol Actuator Dimensions

Actuator Metric Units

Actuator Model	A mm	B mm	C mm	G1 mm	G2 mm	H mm	ØF mm	S1 mm	S2 mm	N No.	T ISO	D mm	R mm	PCD mm	P ISO	ØK mm	L mm	Wt kg †
0M0	32	31	12.5	5.99	5.99	36	22	10.0	10.0	4	M3	5.0	-	16.0**	M5	-	-	0.12
014	72	59	14.0	4.8	4.8	38	26	12.7*	7.0	4	M4	6.0	-	19.0**	G⅛	9.5	12.7	0.29
014P	74	60	14.0	4.8	4.8	38	26	12.7*	7.0	4	Ø4.2	UNIQUE MOUNTING CRS.			G⅛	9.5	12.7	0.35
024	91	76	24.1	8.0	8.0	50	29	10.0	10.0	4	M4	8.0	18.0	25.5	G⅛	16.0	20.0	0.24
034	113	92	28.0	9.0	9.0	60	36	12.0	12.0	4	M5	10.0	22.0	31.1	G⅛	18.0	22.0	0.43
054	132	114	33.6	9.5	9.5	66	50	13.0	13.0	6	M5	10.0	-	34.9	G⅛	19.0	25.4	0.78
074	178	147	43.4	16.0	16.0	100	68	20.0	20.0	4	M8	16.0	36.0	50.9	G¼	32.0	40.0	1.97
084	208	167	46.3	17.0	16.0	110	65	19.0	20.0	4	M8	16.0	49.5	70.0	G¼	36.0	42.0	2.78
094	227	187	54.7	19.0	16.0	126	84	26.0	20.0	4	M10	20.0	46.0	65.0	G¼	38.0	50.0	3.23
124	294	240	68.0	25.0	16.0	156	100	31.0	35.5	4	M12	24.0	55.0	77.8	G⅜	50.0	56.0	7.30
144	380	308	84.0	28.6	16.0	200	128	38.0	35.5	4	M16	28.5	69.9	98.8	G½	57.0	63.5	13.40
154	433	353	101.0	36.0	16.0	245	138	41.0	35.5	4	M16	28.5	99.0	140.0	G½	70.0	80.0	22.70
164	530	427	125.0	41.0	41.0	274	175	55.0	55.0	4	M24	38.0	108.0	152.7	G½	85.0	90.0	39.77
184	681	558	162.0	57.0	57.0	360	286	78.0	78.0	4	M30	50.0	160.0	226.3	G1	115.0	130.0	98.00
214	842	660	189.0	73.0	73.0	410	298	100.0	100.0	8	M30	50.0	160.0	226.3	G1	150.0	170.0	192.40
304	680	554	162.0	73.0	73.0	880	286	100.0	100.0	8	M30	50.0	160.0	226.3	G1	150.0	170.0	288.40
404	1035	840	233.0	90.0	73.0	540	420	100.0	120.0	8	M30	80.0	-	356.0	G2	178.0	130.0	292.00
604	1204	944	257.0	100.0	73.0	590	428	100.0	120.0	8	M30	80.0	-	356.0	G2	200.0	140.0	497.00

* INCLUDES PLAIN SHAFT Ø6.35 x 8 LONG

** HOLES ON CENTRE LINES

† All weights include coupling - except 103

Actuator English Units

Actuator Model	A inch	B inch	C inch	G1 inch	G2 inch	H inch	ØF inch	S1 inch	S2 inch	N No.	T UNC	D inch	R inch	PCD inch	P NPT	ØK inch	L inch	Wt lb †
0M0	1.26	1.22	0.49	0.240	0.24	1.42	0.87	0.39	0.39	4	M3	0.20	0.390	0.630	M5	-	-	0.26
017	2.83	2.32	0.55	0.187	0.19	1.50	1.02	0.50*	0.28	4	8-32	0.24	-	0.750	⅛	0.37	0.50	0.63
017P	2.91	2.36	0.55	0.187	0.19	1.50	1.02	0.50*	0.39	4	Ø0.17	UNIQUE MOUNTING CRS.			⅛	0.37	0.50	0.78
027	3.58	3.00	0.95	0.315	0.32	1.97	1.14	0.39	0.47	4	8-32	0.31	0.709	1.000	⅛	0.63	0.79	0.53
037	3.62	3.60	1.10	0.354	0.35	2.36	1.42	0.47	0.51	4	10-24	0.39	0.866	1.225	⅛	0.71	0.87	0.95
057	5.20	4.49	1.32	0.375	0.37	2.64	2.60	0.51	0.51	6	10-24	0.39	-	1.375	⅛	0.75	1.00	1.72
077	7.00	5.79	1.71	0.630	0.63	3.94	2.68	0.79	0.79	4	5/16-18	0.63	1.417	2.000	¼	1.26	1.57	4.34
087	6.57	5.79	1.82	0.669	0.63	4.33	2.56	0.75	0.79	4	5/16-18	0.63	1.949	2.756	¼	1.42	1.65	6.10
097	8.94	7.36	2.16	0.748	0.63	4.96	3.31	1.02	0.79	4	⅜-16	0.79	1.811	2.560	¼	1.50	1.97	7.12
107 #	9.00	7.40	2.20	0.866	0.63	6.89	5.43	0.94	0.79	4	⅜-16	0.63	2.839	4.016	¼	-	-	11.90
127	11.57	9.45	2.68	0.984	0.63	6.14	3.94	1.22	1.40	4	½-13	0.94	2.165	3.060	⅜	1.97	2.20	16.11
147	14.96	12.13	3.31	1.125	0.63	7.87	5.00	1.50	1.40	4	⅝-11	1.12	2.750	3.890	½	2.24	2.50	29.50
157	17.05	13.90	3.98	1.417	0.63	9.65	6.70	1.61	1.40	4	⅝-11	1.12	3.900	5.512	½	2.76	3.15	49.90
167	20.87	16.81	4.92	1.614	1.61	10.79	6.90	2.17	2.17	4	⅞-9	1.50	4.250	6.010	½	3.35	3.54	87.49
187	26.81	21.95	6.38	2.244	2.24	14.17	11.26	3.07	3.07	4	1⅛-7	1.97	6.300	8.910	1	4.53	5.12	216.13
217	33.15	25.99	7.45	2.874	2.87	16.14	11.73	3.94	3.94	8	1⅛-7	1.97	6.300	8.910	1	5.91	6.69	424.20
307	26.77	21.81	6.38	2.874	2.87	34.65	11.26	3.94	3.94	8	1⅛-7	1.97	6.300	8.910	1	5.91	6.69	634.50
407	40.74	33.10	9.20	3.536	2.87	21.26	16.50	4.72	3.94	8	1⅛-7	3.15	-	14.020	2	7.00	5.10	644.00
607	47.40	37.17	10.12	3.937	2.87	23.23	16.85	4.72	3.94	8	1⅛-7	3.15	-	14.020	2	7.87	5.51	1095.70

FEMALE DRIVE

† All weights include coupling - except 107

ISO/DIN Options

Actuator Model	A mm	B mm	C mm	H mm	ØF mm	ISO/DIN flange no.	M* mm	V mm	ØU mm	PCD mm	N No.	W	Y(Min) mm	J mm	E † mm	P Port	G2 mm	S2 mm
023	91	76	24.1	66	29	F03	9	46	25	36	4	M5	8	2	10	G⅛	8.0	10.0
033	113	92	28.0	74	36	F03	9	46	25	36	4	M5	8	2	10	G⅛	9.0	12.0
053	132	114	33.6	81	66	F04	11	47	30	42	4	M5	8	2	12	G⅛	9.5	13.0
073	178	147	43.4	117	68	F05	14	64	35	50	4	M6	10	3	16	G¼	16.0	20.0
083	208	167	46.3	133	65	F07	17	70	55	70	4	M8	16	3	19	G¼	16.0	20.0
093	227	187	54.7	146	84	F07	17	85	55	70	4	M8	13	3	19	G¼	16.0	20.0
103	229	188	57.0	175	77	F10	22	-	-	102	4	M10	16	-	24	G¼	16.0	20.0
123	294	240	68.0	181	100	F10	22	125	70	102	4	M10	16	3	24	G⅜	16.0	35.5
143	380	308	84.0	227	128	F12	27	150	85	125	4	M12	20	3	29	G½	16.0	35.5
153	433	353	101.0	290	138	F14	36	133	100	140	4	M16	38	4	45	G½	16.0	35.5
163	530	427	125.0	380	175	F16	46	203	130	165	4	M20	32	4	48	G½	41.0	55.0
183	681	558	162.0	501	286	F25	55	300	200	254	8	M16	24	4	57	G1	57.0	78.0
213	842	660	189.0	594	410	F30	75	350	230	298	8	M20	30	4	77	G1	73.0	100.0

† Minimum

* Models 02, 03, 05, 07, 09, 12 and 14 are female star drive, all other models are female square drive

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